INDEX TO VOLUME 22, 1986

AUTHOR INDEX

A
Abarbanel JM, 909
Abramson J, 892
Abramov AL, 820
Abramovici H, 470
Abramson JH, 166
Achiron R, 594
Ackerman Z, 582
Aker M, 264
Algrimawi S, 387
Allen JR, 524
Alon H, 123
Altaras M, 430
Altshuler R, 478
Amit R, 833
Amitai I, 387
Anner H, 567
Apostoleris A, 468
Appelbaum A, 783
Arad I, 448
Aronson HB, 346
Ashkenazi S, 51
Atad J, 470
Auslander L, 828
Auslander R, 470
Avidor I, 127
Ayalon D, 215

B
Bachar L, 861
Bader D, 29
Bahari CM, 127
Balgir RS, 572
Bar-David M, 873
Barkai G, 34, 912
Bar-Meir S, 376
Bar-Shany S, 921
Bar-Tal L, 376
Barzilay J, 873
Bar-Ziv J, 350
Bass A, 475
Baum GL, 865
Bear R, 385
Bearman JE, 921
Beck JC, 225
Beer S, 733
Beharab A, 774
Beilin B, 346
Ben Aderet N, 430
Ben-Ari E, 865
Ben-Chetrit E, 117, 888
Benderly A, 393
Benton L, 225
Ben-Yehuda A, 117, 264
Bercovier H, 644
Berger SA, 41
Bernardi M, 70
Berner Y, 109
Bernheim J, 797, 861
Berrebi A, 109
Bettelheim KA, 737
Bishara S, 817
Blai A, 435
Blazer S, 29
Bleich N, 1
Blendis LM, 78
Boldur I, 674, 728, 733, 745
Bomzon A, 81
Boner G, 360, 551
Borman JB, 783
Bornstein N, 655, 740
Borovik R, 333
Botstein P, 197, 268
Bourguignon C, 740
Bouyer J, 313
Braf Z, 877
Brand N, 833
Brautbar C, 264, 771
Brenner DJ, 620
Brenner S, 478
Bruderman I, 426, 761
Buchner V, 387
Bujanover Y, 16, 57, 833
Burstein Y, 387

C
Caine M, 237
Calef E, 915
Carel RS, 564
Carter C, 703
Carter ED, 166, 231
Charuzi I, 556
Chemke J, 207
Chereshsky AY, 737
Cividalli G, 264
Cohen A, 470, 674
Cohen B, 24
Cohen I, 430
Cohen L, 1
Cohen N, 123, 906
Cohen T, 12
Colbourne JS, 633
Collins MT, 662
Conforti N, 591
Copolovic Y, 888
Cordova T, 215
Cullen JW, 283

D
Danon YL, 414
Davidsohn J, 791
Dayan M, 771
Demarsh P, 703
Dgani Y, 448
Dollberg L, 370
Drath A, 640
Dreval D, 473
Dreyfus J, 313
Drukker A, 779
Drutz DJ, 703
Dubery B, 640
Dvilansky A, 880

E
Edouth Y, 91
Egoz N, 277
Ehret W, 715
Eisenberg S, 95
Eisenstein BI, 703
Eldar S, 892
Eliakim M, 117
Eliakim R, 451
Elicer A, 24
Elitsur Y, 387
Ellencweig AY, 417, 855
Elsmore R, 647
Engelberg I, 475
Engelhard D, 264
Engleberg NC, 703
Ephros M, 400
Epstein L, 301, 470
Ergaz M, 728
Etzioni A, 393
Eventov I, 380

F
Faber J, 370
Factor H, 326
Fainaru M, 95
Farfel Z, 912
Fattal B, 644
Fehrenbach FJ, 706
Feld S, 397
Feldman M, 339
Feldman S, 591
Feldman-Muhsam B, 19
Fields S, 113

Finkelstein R, 91
Fishelson Z, 918
Fisman EZ, 865
Fleurette J, 655, 740
Flugelman MY, 355
Flusser D, 888
Freier S, 370
Freiman I, 355
Freundlich E, 837
Friedewald WT, 191, 307
Friedlaender MM, 888
Friedlander Y, 95
Friedman E, 766
Frisch B, 380
Frisher S, 909
Frohlich ED, 438
Froom P, 873
Frucht J, 817
Frumkin A, 397, 903

G
Gale RP, 260
Galinsky D, 8
Garty B, 414
Gasbarrini G, 70
Gavish D, 45
Gazit E, 478
Gelber M, 408
Geller E, 41
Gert B, 841
Gesztes T, 385
Ghosh P, 900
Gilat T, 16, 57, 105
Gillon G, 885
Gitler C, 915, 918
Glezerman M, 54
Goldwasser RA, 131, 745
Golik A, 123, 906
Goren AI, 761
Gorodeski IG, 127
Gotsman MS, 355
Gottehrer N, 45
Granat M, 455
Granot E, 463
Greene VW, 921
Greif J, 479
Grimont PAD, 697
Gross J, 12
Gross M, 873
Grosskopf I, 787
Grunebaum M, 51
Gueron M, 48
Gur I, 448
Gutman H, 812

H
Habib J, 326
Hadar H, 541
Hagay ZJ, 54, 579
Halak A, 57
Hale G, 264
Halpern Z, 587
Handzel ZT, 387
Hart J, 564
Hasin Y, 355
Hegesh E, 837
Heimer D, 823
Henke M, 690
Hirsch M, 48
Horbach I, 706
Hussong D, 131
Hutchins VL, 529

I
Insler V, 350
Israeli A, 45
Iuchtman M, 828

J
Jacobsohn WZ, 559
Jacoby I, 183
Jaffa AJ, 210
Jaffe R, 430
Janin N, 740
Johnsen A-M, 360
Johnson GC, 505
Jonas P, 475

K
Kaftori JK, 241
Kaftory A, 837
Kahan E, 564
Khana H, 733, 745
Kahn Y, 820
Kaminer H, 855
Kane RL, 225
Kannai Y, 733
Kaplan B, 576
Kark JD, 318
Karmeli F, 801, 807
Katz M, 48, 54, 473, 579
Katzav S, 339
Kaufman H, 576
Kaufman NA, 95
Kazak R, 728, 733, 745
Kedem R, 318
Kellerman JJ, 865
Keppel KG, 529
Keren G, 900
Kessel SS, 529
Kestenbaum RS, 8
Keynan A, 387, 880
Keysary A, 745
Khodadadi J, 445
Kiersch ME, 225
Kisch ES, 466
Kiviti S, 479
Klausner JM, 365
Kleinman Y, 45, 404
Knobler H, 45
Kobrin I, 438
Kopian JP, 272, 524
Koornhof HJ, 640
Kott I, 812
Krakauer H, 245
Kristal B, 442

L
Landau Z, 397
Lantsberg L, 445
Lantsberg S, 445
Legum C, 210, 215
Leiberman JR, 54
Lerner MA, 203
Levanon M, 791
Levin N, 105
Levine Y, 559
Leviner E, 455
Levinger S, 817
Levo Y, 587
Levy L, 408
Levy M, 67
Levy P, 567
Levy RI, 191
Levy Y, 774
Lewis BS, 873
Liberman D, 426
Liebermann M, 478
Ligumsky M, 801, 807
Lijovetzky G, 463
Livne PM, 547
Lotan C, 463

M
Maayan S, 404, 582
Madar Z, 12
Mahmoud H, 442
Magen H, 797, 861
Manaster J, 837
Manor A, 85
Maor E, 473
Marcus E-L, 906
Margalioth EJ, 455
Markiewicz W, 91
Markenson J, 460
Mashiach S, 34
Matoth I, 463
Mazor M, 54, 579
McDonald RH Jr, 360
Meizner I, 350, 473
Melamed E, 591
Meller Y, 8
Merdler C, 404
Merimsky E, 877
Merlob P, 576
Messer G, 791
Michaeli D, 41, 404
Mikulski Y, 426
Milgalter E, 783
Miller HI, 900

Mimouni F, 120
Mimouni M, 51
Mitchell RG, 711
Modai D, 123, 906
Mogle P, 451
Mogyoros M, 915, 918
Mohilever J, 333
Mor G, 728
Mor J, 779
Morag A, 455
Morduchowicz G, 435
Moses S, 387
Mosseri M, 451, 783
Mozes E, 771
Mumcuoglu M, 264

N
Naggan L, 179, 921
Nagler A, 91
Nahir AM, 139
Namir S, 12
Naparstek E, 264
Nash E, 892
Nativ O, 475
Neri A, 576
Nessenkorn I, 885
Neuman M, 541
Nightingale SL, 519
Nitzan M, 51, 774
Nowicki M, 655
Nutman J, 774

O
Odes HS, 12
Or R, 264, 400, 582
Oren I, 91
Ornoy A, 455
Ory HW, 524
Oschry Y, 95
Osimani A, 909
Ovadia Y, 576
Ovnat A, 556

P
Panush N, 564
Papa MZ, 376
Papiernik E, 313
Papo J, 877
Paran H, 823
Passwell JH, 791
Paucod JC, 655
Pauker SG, 183
Pecht M, 387
Pegram BL, 438
Peiser J, 556
Peled Y, 16, 57, 376
Peleg L, 215
Penchas S, 201
Pik A, 123, 728, 745
Pines A, 865
Pinkhas J, 408
Pinku A, 579
Pinto M, 460
Pitlik SO, 435
Placek PJ, 529
Podjarny E, 797, 861
Pohle HD, 706
Polacheck I, 400
Pollack A, 264
Pollack S, 393
Pomeranz A, 779
Pratt H, 1

Q
Quastel MR, 445

R
Rabey M, 41
Rabinerson D, 812
Rabinovici J, 34
Rabinovitz M, 787
Rabinson S, 828
Rachmilewitz D, 801, 807
Rannon L, 774
Rapoport J, 597
Rappaport ZH, 113
Rathaus M, 797
Rattan J, 105
Rave D, 404
Raz R, 400
Reichenberg J, 779
Reif R, 897
Reisner SH, 120
Reiss R, 812
Resnitzky P, 397
Revach M 318
Ribak J, 873
Richter S, 861
Rishpon S, 412
Robinson E, 333
Romanoff H, 567
Ronen M, 478
Rosenblum 4, 865
Rosenfeld JB, 360, 435, 551, 787
Rosin A, 143
Rottem M, 833
Rowbotham TJ, 678
Roytblat L, 385
Rozin RR, 365
Rubinger D, 888
Rubinstein I, 865
Ruckdeschel G, 715
Rudick A, 210, 215
Ruf B, 706

S
Saadia R, 410
Sack J, 24, 766
Safra T, 912
Salomon F, 408
Sarov B, 921
Sarov I, 823
Satz P, 225
Savir A, 547
Schachter P, 475
Schapira D, 139
Scharf Y, 139
Schein M, 410
Schewach-Millet M, 478
Schindler D, 426
Schlesinger M, 404
Schonfeld T, 51
Schoenfeld T, 744
Schuchat A, 57
Schulchynska-Castel H, 880
Schwartz S, 594
Sebbag D, 355
Segal R, 897
Segal S, 339
Seidel KM, 690
Seligsohn U, 820
Serr DM, 34
Servadio C, 541, 547, 885
Sestieri M, 807
Shachor J, 426
Shalev J, 34
Shani M, 169
Shany S, 8
Shapira I, 900
Shapira J, 797
Shapiro AP, 360
Shapiro J, 339
Shapiro M, 724
Shasha S, 442
Shefer A, 355
Shemesh A, 855
Shifrin EG, 567
Shiner RJ, 865
Shohat B, 551
Shohat S, 120
Shomrat R, 210
Shukri A, 837
Shurman D, 706
Shuval H, 644
Shvil Y, 463
Sigler E, 906
Slater PE, 417
Slavin S, 264
Slor H, 215
Sobel J, 841
Sofrin R, 24
Solomon DH, 225
Solomon H, 556
Sompolinsky D, 674, 728, 745
Sonnenblick M, 143
Sorkin P, 41
Sorokin Y, 470
Stahl-Kent V, 468
Stamler B, 442
Stankiewicz H, 779

Starr A, 1
Statter M, 833
Stein Y, 95
Steiner Z, 892
Steinherz R, 774
Sternberg A, 91
Strauss S, 912
Struhar D, 479
Strulov A, 301
Sujov P, 29
Surauyi Y, 370
Surgot M, 740
Szeinberg A, 791

T
Tamarin-Landau, 674
Theodor R, 24
Thom TJ, 307
Tieder M, 123
Tishler M, 771, 820
Tobiansky L, 640
Tobin JO'H, 711
Tomer A, 41
Topilsky M, 479
Trainin N, 387
Traub YM, 360
Treves T, 41
Trew RM, 633
Trop M, 12

U
Uretzky G, 783

V
van Dijk JM, 143
Varsano I, 51
Vatashsky E, 346
Vieilly C, 655
Vidne B, 900
Vinograd I, 448
von Specht BU, 715

W
Waldmann H, 264
Waller A, 551
Waron M, 897
Watkins ID, 711
Wechsler O, 468
Weinberg M, 41
Weinberger A, 408
Weiss E, 131
Weiss H, 414
Weiss L, 264
Weissberg N, 143
Weissgarten J, 123
Weitz R, 51
Werner A, 468
Weshler Z, 264
Westfall HN, 131
Williams TF, 220
Winkler H, 541
Wiznitzer A, 579
Wolloch Y, 414
Woodhead S, 711

Y
Yaron M, 771
Yates FE, 225
Yatziv S, 463, 833
Yedwab G, 41, 210
Young FE, 173, 519
Yust I, 404

Z
Zaidenstein R, 906
Zakut H, 594
Zaltzman S, 877
Zauberman H, 817
Zecler E, 897
Zeharia A, 774
Zehavi-Willner T, 460
Zeltzer M, 29
Zer M, 828
Zimmerman J, 95
Ziv Y, 885

SUBJECT INDEX

ADENOVIRUS TYPE 3
Adenovirus Type 3 infection with systemic manifestation in apparently normal children, 774
AIDS (Acquired Immune Deficiency Syndrome)
Transmission of acquired immune deficiency (AIDS) by a blood transfusion given in 1979 in Israel, 404
Assessment of screening as a prevention technology: the example of HTLV-III/LAV antibody testing, 524
ALDOSTERONE
Maternal and cord plasma cortisol and aldosterone levels at delivery, in various ethnic groups in Israel. Preliminary report, 576
AMOEBA
Current views on the relationships between amoebae, legionellae and man, 678
ANASTOMOSIS
Early detection and treatment of a leaking gastrojejunostomy following gastric bypass, 556
ANEMIA
Prevalence rate of anemia among 12-month-old children in the Hadera subdistrict, Israel, 1984–85 (PSC), 412
ANESTHESIA
General anesthesia during excision of a mouse tumor accelerates postsurgical growth of metastases by suppression of natural killer cell activity, 339
"Conscious sedation" for laparoscopy, 346
ANEURYSM
Ruptured traumatic false aneurysm of the axillary artery — a case report (PSC), 410
ANGIOMYOLIPOMA
Ruptured renal angiomyolipoma presenting as acute cholecystitis, 475
ANGIOSARCOMA
Primary angiosarcoma of the heart detected by two-dimensional echocardiography, 900
ANIMAL INFECTIONS
Legionella infections in animals, 662
Legionellosis in animals in Israel, 674
ASPERGILLOMA
Primary pulmonary aspergilloma: case report and review of the literature, 400
ATRIAL FIBRILLATION
Atrial fibrillaton in acute myocardial infarction, 355
AUROTHIOGLUCOSE
Low-dose aurothioglucose in pemphigus vulgaris, 903
AUSCULTATION
Laënnec and the discovery of auscultation, 597

BILATERAL ADNEXAL TORSION
Bilateral uterine adnexal torsion: case report and review of the literature (PSC), 54
BIRTH CONTROL
Definite birth control and the physician — ethical issues, 841
BLEEDING ANGIODYSPLASIA
Importance of small bowel involvement in bleeding angiodysplasia, 828
BLOOD TRANSFUSION
G6PD-deficient donor blood as a cause of hemolysis in two preterm infants, 120
Transmission of acquired immune deficiency (AIDS) by a blood transfusion given in 1979 in Israel, 404
BONE BIOPSIES
Hematopoiesis in osteoporosis — preliminary report comparing biopsies of the femoral neck and iliac crest, 380
BONE MARROW TRANSPLANTATION
Clinical trials of bone marrow transplantation, 260
New approaches for the prevention of rejection and graft-vs.-host disease in clinical bone marrow transplantation, 264
Cerebral toxoplasmosis complicating bone marrow transplantation, 582
BOUTONNEUSE FEVER
Ixodid tick attacks on man in Israel: Medical implications, 19
BRAIN
Biopsy of intracranial lesions with computed tomography stereotactic guidance, 113
BREAST CANCER
Factors affecting delay in diagnosis of breast cancer: relationship of delay to stage of disease, 333
Macrophage migration inhibition factor test in breast tumors, 812
BREECH PRESENTATION
Impact of a protocol for external cephalic version under tocolysis at term, 34
BROMSULFOPHTHALEIN
Bromsulfophthalein clearance and aminopyrine test in patients with Gilbert's syndrome, 376
BRONCHOALVEOLAR LAVAGE
Bronchoalveolar lavage: a useful tool in the diagnosis of eosinophilic pneumonia (PSC), 479
BRONCHOPULMONARY INFECTIONS
Serological, clinical and radiological findings in adults with bronchopulmonary infections caused by *Chlamydia trachomatis*, 823

CANCER
Case report of two primary tumors, Mullerian adenosarcoma and endometrial adenocarcinoma, 127
Factors affecting delay in diagnosis of breast cancer: relationship of delay to stage of disease, 333

General anesthesia during excision of a mouse tumor accelerates postsurgical growth of metastases by suppression of natural killer cell activity, 339
Conservative surgery of renal cell carcinoma, 885
CARBAMY PHOSPHATE SYNTHETASE DEFICIENCY
Partial carbamyl phosphate synthetase deficiency, simulating Reye's syndrome, in a 9-year-old girl (PSC), 463
CARDIOVASCULAR DISEASE
see HEART
CASE-MIX
Cost analysis for case-mix complexity of a medical ward in a general city hospital in Israel (PSC), 587
CELIAC DISEASE
Intestinal mast cells in different stages of celiac disease, 370
CEREBRAL TOXOPLASMOSIS
Cerebral toxoplasmosis complicating bone marrow transplantation, 582
CHLAMYDIA TRACHOMATIS
Serological, clinical and radiological findings in adults with bronchopulmonary infections caused by *Chlamydia trachomatis*, 823
CHOLECYSTITIS
Diagnosis of acute cholecystisis by ^{99m}Tc-iminidiacetic acid cholescintigraphy, 445
Postoperative acute cholecystitis complicating unrelated operations, 892
CHYLOTHORAX
Chylous ascites and chylothorax as presenting manifestations of stomach carcinoma, 897
CHYLOUS ASCITES
Chylous ascites and chylothorax as presenting manifestations of stomach carcinoma, 897
CIMETIDINE
Protective effect of cimetidine against *Pseudomonas aeruginosa*. Infection in an experimental burned mouse model (PSC), 460
CIRRHOSIS
The renin-angiotensis-aldosterone system in human hepatic cirrhosis, 70
The use of peritoneovenous shunting in unravelling the pathogenesis of ascites in cirrhosis, 78
CLEFT LIP AND CLEFT PALATE
Serological and biochemical genetic markers in congenital cleft lip and cleft palate anomalies, 572
CLINICAL TRIALS
Planning and implementation of large clinical trials, 191
Clinical trials of bone marrow transplantation, 260
COHEN SYNDROME
The Cohen syndrome in Israel, 766
COMPUTED TOMOGRAPHY
Computed tomographic diagnosis of acute hemfopericardium following myocardial infarction, 48
Biopsy of intracranial lesions with computed tomography stereotactic guidance, 113
COMBINED IMMUNE DEFICIENCY
Treatment of congenital immune deficiencies with a thymic hormone — thymic humoral factor, 387
CONDUCTIVE DISORDERS
Bizarre fetal heart rate associated with congenital heart malformation (PSC), 473
CONGESTIVE HEART FAILURE
Combination of furosemide and metolazone in the treatment of severe congestive heart failure, 787
CONSTIPATION
Pilot study of the efficacy of spent grain dietary fiber in the treatment of constipation, 12
CONTINUOUS AMBULATORY PERITONEAL DIALYSIS
Cell-mediated immunity in uremic patients prior to and after 6-months' treatment with continuous ambulatory peritoneal dialysis, 551
CORNEA
Use of infant and child corneas for grafting, 817
CORTISOL
Maternal and cord plasma cortisol and aldosterone levels at delivery, in various ethnic groups in Israel. Preliminary report, 576
COST ANALYSIS
Cost analysis for case-mix complexity of a medical ward in a general city hospital in Israel (PSC), 587

DEMYELINATION
Vitamin B12 deficiency neuropathy: sural nerve biopsy study, 909
DIABETES MELLITUS
Stressful events and the onset of noninsulin-dependent diabetes mellitus (PSC), 466
DIAGNOSTIC IMAGING
Evaluation of new diagnostic imaging technologies, 203
Assessment and approval of medical devices used in diagnostic imaging in the United States, 505
DIETARY CARBOHYDRATE
Effect of moderate isocaloric modification of dietary carbohydrate on high-density lipoprotein composition and apolipoprotein A-1 turnover in humans, 95
DIURETICS
Combination of furosemide and metolazone in the treatment of severe congestive heart failure, 787
DRUG OVERDOSE
Methemoglobinemia, muscle damage and renal failure complicating phenazopyridine overdose, 45
Seizures after pentazocine overdose, 385
DRUGS
Evidence used for approval of new drugs, 197

ECHIS COLORATA
Echis colorata bites: clinical evaluation of 42 patients. A retrospective study, 880
ECHOCARDIOGRAPHY
Contribution of echocardiography to cardiac diagnosis, 91
Primary angiosarcoma of the heart detected by two-dimensional echocardiography, 900

Left-ventricular exercise echocardiographic abnormalities in patients with sarcoidosis without ischemic heart disease, 865

ELDERLY
Seasonal variation in serum levels of vitamin D metabolites and parathormone in geriatric patients with fractures in southern Israel, 8
Assessment of mobility and hand function in theelderly, 220
Dynamic assessment of cognitive and cardiovascular performance in the elderly, 225
Developing an information base for short- and long-term planning of services for the elderly in Israel: an interim report, 326
Overestimation of blood pressure in the elderly, 435
Exposure to *Legionella* in geriatric institutions, 728
Geographical variations in unnecessary hospitalization of the elderly: the effects of local conditions, 855

END-STAGE RENAL DISEASE
Assessment of alternative technologies for the treatment of end-stage renal disease, 245

ENTAMOEBA HISTOLYTICA
Lysozyme and complement-dependent lysis of *Entamoeba histolytica*. Inhibition by leupeptin (PSC), 918
Virulence of *Entamoeba histolytica* correlates with the capacity to develop complement resistance (PSC), 915

EOSINOPHILIC PNEUMONIA
Bronchoalveolar lavage: a useful tool in the diagnosis of eosinophilic pneumonia (PSC), 479

EPIDEMIOLOGY
Epidemiologic methodology in evaluating health technology, 179
Factors affecting hospitalization for selected diseases in Israel, 417
Incidence and prevalence of ulcerative colitis in the Jewish population of Jerusalem, 559

ESOPHAGUS
Perforation of the esophagus electrocardiographically mimicking myocardial infarction, 451

EVACUATION HOSPITAL
The evaculation hospital in civilian disasters, 365

EVOKED POTENTIALS
Somatosensory evoked potentials to muscle percussion in human: upper extremity, 1

FALLOPIAN TUBES
Bilateral uterine adnoexal torsion: case report and review of the literature (PSC), 54

FIBER
Pilot study of the efficacy of spent grain dietary fiber in the treatment of constipation, 12
Mineral intake and blood levels in vegetarians, 105

G6PD DEFICIENCY
G6PD-deficient donor blood as a cause of hemolysis in two preterm infants, 120

GALLBLADDER
Diagnosis of acute cholecystitis by ^{99m}Tc-iminodiacetic acid cholescintigraphy, 445

GASTRIC BYPASS
Early detection and treatment of a leaking gastrojejunostomy following gastric bypass, 556

GASTROINTESTINAL DAMAGE
Sucralfate protection against gastrointestinal damage: possible role of prostanoids, 801
Protection by mild irritants against indomethacin-induced gastric mucosal damage in the rat: role of prostaglandin synthesis, 807

GENTIC MARKERS
Serological and biochemical genetic markers in congenital cleft lip and cleft palate anomalies, 572

GILBERT'S SYNDROME
Bromsulfophthalein clearance and aminopyrine test in patients with Gilbert's syndrome, 376

GLOMERULONEPHRITIS
Natriuretic response to i.v. saline loading after acute poststreptococcal glomerulonephritis, 779

GRAFTING
Use of infant and child corneas for grafting, 817

HEALTH TECHNOLOGY
Health Technology Asessment, 166
Health technology: the Israeli perspective 169
The current political framework: the U.S. perspective, 173
Epidemiologic methodology in evaluating health technology, 179
Technology assessment in health care: group process and decision theory, 183
Planning and implementation of large clinical trials, 191
Evidence used for approval of new drugs, 197
Toward the development of a technology assessment methodology in medical diagnosis and therapy, 201
Evaluation of new diagnostic imaging technologies, 203
Prenatal diagnosis of genetic diseases, 207
Early pregnancy screening for neural tube defects in Israel, 210
Improved reliability of a serum α-feroprotein enzyme immunoassay compared with a radioimmunoassay, 215
Assessment of mobility and hand function in the elderly, 220
Dynamic assessment of cognitive and cardiovascular performance in the elderly, 225
Scientific and political issues in evaluating new technology: the case of shock wave lithotripsy, 231
Contribution of modern lithotripsy to the practice of urology, 237
Lithotripsy and the modern imaging department, 241
Assessment of alternative technologies for the treatment of end-stage renal disease, 245
Clinical trials of bone marrow transplantation, 260
New approaches for the prevention of rejection and graft-vs.-host disease in clinical bone marrow transplantation, 264

Development and approval of vaccines in the United States, 268
Assessment of new vaccines in immunization programs, 272
Cost-benefit of mass prophylaxis with immune serum globulin to control waterbone hepatitis A. A case study, 277
Tobacco use: prevention and control, 283
Possible influence of changes in risk factors on cardiovascular morbidity and mortality in Israel: need for an information system, 301
Decline of coronary heart disease mortality in the United States, 307
Prevention of preterm birth and perinatal risk reduction, 313
Medical examination of Israeli 17-year-olds before military service as a national resource for health information, 318
Developing an information base for short- and long-term planning of services for the elderly in Israel: an interim report, 326
Assesament and approval of medical devices used in diagnostic imaging in the United States, 505
Marketing approval for the lithotripter, 519
Assessment of screening as a preventive technology: the example of HTLV-III/LAV antibody testing, 524
Uses of the 1980 National Natality and Fetal Mortality Surveys for the assessment of obstetric technologies, 529

HEART
Computed tomographic diagnosis of acute hemopericardium following myocardial infarction, 48
Cardiovascular function in obstructive jaundice: experimental observations, 81
Contribution of echocardiography to cardiac diagnosis, 91
Dynamic assessment of cognitive and cardiovascular performance in the elderly, 225
Possible influence of changes in risk factors on cardiovascular morbidity and mortality in Israel: need for an information system, 301
Decline of coronary heart disease mortality in the United States, 307
Atrial fibrillation in acute myocardial infarction, 355
Baroflex control of heart rate after immediate and prolonged pressure reduction with urapidil in conscious normotensive and spontaneously hypertensive rats, 438
Bizarre fetal heart rate associated with congenital heart malformation (PSC), 473
Emergency coronary artery bypass for acute myocardial ischemia following percutaneous transluminal coronary angioplasty, 783
Combination of furosemide and metolazone in the treatment of severe congestive heart failure, 787
Left-ventricular exercise echocardiographic abnormalities in patients with sarcoidosis without ischemic heart disease, 865
Primary angiosarcoma of the heart detected by two-dimensional echocardiography, 900

HEMODIALYSIS
IgA nephropathy and acute reversible renal failure, 888

HEMOLYTIC UREMIC SYNDROME
Postpartum hemolytic uremic syndrome: correlation between clinical course and serial renal sonograms, (PSC), 912

HEPATITIS
Cost-benefit of mass prophylaxis with immune serum globulin to control waterborne hepatitis A. A case study, 277

HEPATITIS B SURFACE ANTIGEN
Prevalence of hepatitis B surface antigen and its antibody among medical and nonmedical students at Ben-Gurion University of the Negev, Israel, (PSC), 921

HEPATOSPLENOMEGALY
An unusual case of POEMS syndrome, 906

HERPES VIRUS
Herpes encephalitis during pregnancy: failure of acyclovir and adenine arabinoside to prevent neonatal herpes, 41
Fetal outcome following primary herpetic gingivostomatitis in early pregnancy. Morphological study and updated appraisal, 455

HIGH LIGATION
High ligation of embolization of varicocele, 877

HISTORY OF MEDICINE
Laënnec and the discovery of aucultation, 597

HLA-DR4
Decreased HLA-DR4 antigen frequency in homosexual males (PSC), 478
Association between HLA-DR4 and production of collagen-specific antibodies in Israeli patients with rheumatoid arthritis, 771

HOSPITALIZATION
Factors affecting hospitalization for selected diseases in Israel, 417
Geographical variations in unnecessary hospitalization of the elderly: the effects of local conditions, 855

HUMAN MONOCYTES
Studies on the effect of intralipid on human monocyte functions *in vitro*, 791

HYPERAMMONEMIA
Clinical and laboratory study in 22 patients with inherited hyperammonemic syndromes, 833

HYPERCALCEMIA
Pseudohypercalcemia and hyperviscosity with neurological manifestation in multiple myeoloma (PSC), 143

HYPERTENSION
Urinary sodium retention in chronic liver disease: a summary, 67
Once-a-day triple therapy with low-dose minoxidil for moderate hypertension, 360
Overestimation of blood pressure in the elderly, 435
Baroreflex control of heart rate after immediate and prolonged pressure reduction with urapidil in conscious normotensive and spontaneously hypertensive rats, 438

High incidence of hypertension in older patients after unilateral nephrectomy. A retrospective study, 861
HYPOGAMMAGLOBULINEMIA
Transient hypogammaglobulinemia of infancy with severe bacterial infections and persistent IgA deficiency, 393
HYPOSPADIAS
Current experience with hypospadias repair, 547
HYPOTHALAMUS
Noradrenergic mediation of adrenocortical responses following cortical stimulation in the rat (PSC), 591
HYPOTHYROIDISM, CONGENITAL
Influence on psychological development of early treatment of congenital hypothyroidism detected by neonatal screening: a controlled study, 24
HYSTEROSALPINGOGRAPHY
Radiation doses during hyterosalpingography: implications in early pregnancy (PSC), 468

IgA NEPHROPATHY
IgA nephropathy and acute reversible renal failure, 888
IMMUNOASSAY
Improved reliability of a serum-feroprotein enzyme immunoassay compared with a radioimmunoassay, 215
IMMUNOGLOBULIN
Transient hypogammaglobulinemia of infancy with severe bacterial infections and persistent IgA deficiency, 393
Immunoglobulin content of human hepatic bile: selective IgA concentration in bile (PSC), 414
INFORMATION SYSTEM
Possible influence of changes in risk factors on cardiovascular morbidity and mortality in Israel: need for an information system, 301
Medical examination of Israeli 17-year-olds before military service as a national resource for health information, 318
Developing an information base for short- and long-term planning of services for the eldery in Israel: an interim report, 326
INTRALIPID
Studies on the effect of intralipid on human monocyte functions *in vitro*, 791

JAUNDICE
Cardiovascular funtcion in obstructive jaundice: experimental observations, 81
Obstructive jaundice due to inspissated bile following disseminated intravascular coagulation, 448

LAPAROSCOPY
"Conscious sedation" for laparoscopy, 346
LEGIONELLA SPECIES
Prevalence of antibodies to *Legionella* species in a series of patients in Israel, 131
Classification of Legionellaceae. Current status and remaining questions, 620
Presence of *Legionella* in London's water supplies, 633
Seasonality of *Legionella* isolates from environmental sources, 640
Seasonal distribution of legionellae isolated form various types of water in Israel, 644
Biocidal control of legionella, 647
Epidemiological evidence of legionellosis transmission through domestic hot water supply systems and possibilities of control, 655
Legionella infections in animals, 662
Legionellosis in animals in Israel, 674
Current views on the relationships between amoebae, legionallae and man, 678
Association between *Legionella pneumophila* and amoebae in water, 690
Rapid methods for identification of *Legionella* — a review, 697
A *Legionela*-specific DNA probe detects organisms in lung tissue homogenates from intranasally inoculated mice, 703
Rapid detection of *Legionella* antigen in tissues and body fluids, 706
Epidemiological studies using monoclonal antibodies to *Legionella pneumophila* serogroup I, 711
Discrimination between clinical and environmental strains of *Legionella pneumophila* by a monoclonal antibody, 715
Unusual epidemiologic and clinical manifestations of legionellosis: a review, 724
Exposure to *Legionella* in geriatric institutions, 728
Predisposition of the asthmatic child to legionellosis?, 733
Serological studies of legionellosis in New Zealand, 737
Prevalence of anti-*Legionella* antibodies in a healthy population and in patients with tuberculosis or pneumonia, 740
Serological cross-reactions between *Rickettsia typhi*, *Proteus vulgaris* OX19, and *Legionella bozemanii* in a series of febrile patients, 745
LEUKEMIA
Primary pulmonary aspergilloma: case report and review of the literature, 400
LEUKOCYTOSIS
Intra-articular corticosteroid-induced peripheral leukocytosis (PSC), 408
LEUPETIN
Lysozyme and complement-dependent lysis of *Entamoeba histolytica*. Inhibition of leupeptin (PSC), 918
LIPOPROTEINS
Effect of moderate isocaloric modification of dietary carbohydrate on high-density lipoprotein composition and apolipoprotein A-1 turnover in humans, 95
LITHOTRIPSY
Scientific and political issues in evaluating new technology: the case of shock wave lithotripsy, 231
Contribution of modern lithotripsy to the practice of urology, 237

Lithotripsy and the modern imaging department, 241
Marketing approval for the lithotripter, 519
Percutaneous nephrolithotomy, 541
LIVER DISEASE
Urinary sodium retention in chronic liver disease: a summary, 67
The renin-angiotensin-aldosterine system in human hepatic cirrhosis, 70
The use of pertoneovenous shunting in unravelling the pathogenesis of ascites in cirrhosis, 78
Ultrasonic features of hepatic abscesses, 85
Obstructive jaundice due to inspissated bile following disseminated intravascular coagulation, 448
Virulence of Entamoeba histolytica correlates with the capacity to develop complement resistance (PSC), 915
LOW BIRTH WEIGHT
Perinatal factors influencing outcome of very-low-birth weight infants, 430
LUNG TUBERCULOSIS
Changing pattern of lung tuberculosis, 426
LYSOZYME
Lysozyme and complement-dependent lysis of *Entamoeba histolytica*. Inhibition of leupeptin (PSC), 918

MAST CELLS
Intestinal mast cells in different stages of celiac disease, 370
MEDICAL ETHICS
Definitive birth control and the physician—ethical issues, 841
MENTAL RETARDATION
The Cohen syndrome in Israel, 766
Prenatal diagnosis of congenital mathemoglobinemia with mental retardation, 837
METASTASES
General anesthesia during excision of a mouse tumor accelerates postsurgical growth of metastases by suppression of natural killer cell activity, 339
METHANE
Is human methane production affected by long-term occupational exposure to a methanogenic flora? 16
Human methane production: a study of population groups and environmental factors in Israel (PSC), 57
METHEMOGLOBINEMIA
Methemoglobinemia, muscle damage andrenal failure complicating phenazopyridine overdose, 45
Prenatal diagnosis of congenital methemoglobinemia with mental retardation, 837
MIGRATION INHIBITION FACTOR
Macrophage migration inhibition factor test in breast tumors, 812
MINERAL INTAKE
Mineral intake and blood levels in vegetarians, 105
MITRAL VALVE PROLAPSE
Prevalence of postural T wave changes in mitral valve prolapse: a quantitative study, 873
Perforation of the esophagus electrocardiographically mimicking myocardial infarction, 451
MONOCLONAL ANTIBODIES
Epidemiological studies using monoclonal antibodies to *Legionella pneumophila* serogroup 1, 711
Discrimination between clinical and environmental strains of *Legionella pneumophila* by a monoclonal antibody, 715
MONOCYTES
Studies on the effect of intralipid on human monocyte functions *in vitro*, 791
MULTIPHASIC SCREENING
Preadmission testing in elective surgery—improving the process, 564
MULTIPLE MYELOMA
Peudohypercalcemia and hyperviscosity with neurological manifestation in multiple myeloma (PSC), 143
MUSCLE
Somatosensory evoked potentials to muscle percussion in humans: upper extremity, 1
Methemoglobinemia, muscle damage and renal failure complicating phenozopyridine overdose, 45
MYELOPROLIFERATIVE DISORDERS
Myeloproliferative disorders and nonmyelomatous paraprotein. A study of five patients and review of the literature, 109
MYOCARDIAL INFARCTION
Computed tomographic diagnosis of acute hemopericardium following myocardial infarction, 48
Atrial fibrillation in acute myocardial infarction, 355

NEONATAL DISEASE
Influence on psychological development of early treatment of congenital hypothyroidism detected by neoantal screening: a controlled study, 24
Neonatal septicemia caused by coagulase-negative staphylococci, 29
Herpes encephalitis during pregnancy: failure of acyclovir and adenine arabinoside to prevent neonatal herpes, 41
NEONATAL SCREENING
Influence on psychological development of early treatment of congenital hypothyroidism detected by neonatal screening: a controlled study, 24
NEPHRECTOMY
Conservative surgery of renal cell carcinoma, 885
High incidence of hypertension in older patients atfer unilateral nephrectomy. A retrospective study, 861
NEPHROLITHOTOMY
Percutaneous nephrolithotomy, 541
NEURAL TUBE DEFECTS
Early pregnancy screening for neural tube defects in Israel, 210
Improved reliability of a serum α-feroprotein enzyme immunoassay compared with a radioimmunoassay, 215
NEUROFIBROMATOSIS
Neurofibromatosis in pregnancy. Four case reports and review of the literature, 579

NEUROPATHY
Vitamin B12 deficiency neuropathy: sural nerve biopsy study, 909

OBSTETRIC TECHNOLOGY
Uses of the 1980 National Natality and Fetal Mortality Surveys for the assessment of obstetric technologies, 529
OCCUPATIONAL HEALTH
Is human methane production affected by long-term occupational exposure to a methanogenic flora? 16
OSTEOPOROSIS
Hematopoiesis in osteoporosis—preliminary report comparing biopsies of the femoral neck and iliac crest, 380

PARAPROTEIN
Myeloproliferative disorders and nonmyelomatous paraprotein. A study of five patients and review of the literature, 109
PARATHORMOE
Seasonal variation in serum levels of vitamin D metabolites and parathormone in geriatric patients with fractures in southern Israel, 8
PARTURITION
Maternal and cord plasma cortisol and aldosterone levels at delivery, in various ethnic groups in Israel. Preliminary report, 576
PEMPHIGUS VULGARIS
Low-dose aurothioglucose in pemphigus vulgaris, 903
PERCUTANEOUS TRANSLUMINAL CORONARY ANGIOPLASTY
Emergency coronary artery bypass for acute myocardial ischemia following percutaneous transluminal coronary angioplasty, 783
PERITONEOVEOUS SHUNTING
The use of peritoneovenous shunting in unravelling the pathogenesis of ascites in cirrhosis, 78
PLEURAL EFFUSION
Yellow nail syndrome: case report and review of the literature, 117
PNEUMATURIA
Pneumaturia: need for diagnostic alertness, 123
POEMS SYNDROME
An unusual case of POEMS syndrome, 906
POLYNEUROPATHY
An unusual case of POEMS syndrome, 906
POSTOPERATIVE COMPLICATIONS
Postoperative acute cholecystitis complicating unrelated operations, 892
PREADMISSION TESTING
Preadmission testing in elective surgery—improving the process, 564
PREGNANCY
Impact of a protocol for external cephalic version under tocolysis at term, 34
Herpes encephalitis during pregnancy: failure of acyclovir and adenine arabinoside to prevent neonatal herpes, 41
Prevention of preterm birth and perinatal risk reduction, 313
Fetal outcome following primary herpetic gingivostomatitis in early pregnancy. Morphological study and updated appraisal, 455
Radiation doses during hyterosalpingography: implications in early pregnancy (PSC), 468
Premature uterine contractions and preterm labor: a comparative study of Jewish and Arab populations in Israel (PSC), 470
Neurofibromatosis in pregnancy. Four case reports and review of the literature, 579
Diagnostic value of ultrasound scanning and β-human chorionic gonadotropin in stable patients suspected of ectopic pregnancy (PSC), 594
PRENATAL DIAGNOSIS
Prenatal diagnosis of genetic diseases, 207
Early pregnancy screening for neural tube defects in Israel, 210
Improved reliability of a serum α-feroprotein enzyme immunoassay, 215
Prenatal ultrasonic diagnosis of fetal thoracic and intrathoracic abnormalities, 350
Prenatal diagnosis of congenital methemoglobinemia with mental retardation, 837
PRETERM LABOR
Premature uterine contractions and preterm labor: a comparative study of Jewish and Arab populations in Israel (PSC), 470
PROSTAGLANDINS
Protection by mild irritants against indomethacin-induced gastric mucosal damage in the rat: role of prostaglandin synthesis, 807
PROSTANOIDS
Effect of vasoactive agents on prostanoid synthesis in isolated rat glomeruli, 797
Sucralfate protection against gastrointestinal damage: possible role of prostanoids, 801
PSEUDOMONAS AEROGINOSA
Protective effect of cimetidine against *Pseudomonas aeruginosa*. Infection in an experimental burned mouse model (PSC), 460
PULMONARY DISEASES
Pulmonary functions and respiratory symptoms and diseases among adult Israelis. Variations by country of origin, 761
PURPURA FULMINANS
Purpura fulminans in an adult, 820

RAYNAUD'S PHENOMENON
Double-blind randomized trial of NITRODERM TTS® in the treatment in Raynaud's phenomenon (PSC), 139
RENAL ANGIOMYOLIPOMA
Ruptured renal angiomyolipoma presenting as acute cholecystitis (PSC), 475
RENAL DISEASE
Methemoglobinemia, muscle damage and renal failure complicating phenazopyridine overdose, 45
Assessment of alternative technologies for the treatment of end-stage renal disease, 245
Ruptured renal angiomyolipoma presenting as acute cholecystitis (PSC), 475

High incidence of hypertension in older patients after unilateral nephrectomy. A retrospective study, 861
IgA nephropathy and acute reversible renal failure, 888

RENAL SONOGRAPHY
Postpartum hemolytic uremic syndrome: correlation between clinical course and serial renal sonograms, (PSC), 912

REYE'S SYNDROME
Partial carbamyl phosphate synthetase deficiency, simulating Reye's syndrome, in a 9-year-old girl (PSC), 463

RHEUMATOID ARTHRITIS
Association between HLA-DR4 and production of collagen-specific antibodies in Israeli patients with rheumatoid arthritis, 771

SARCOIDOSIS
Left-ventricular exercise echocardiographic abnormalities in partients with sarcoidosis without ischemic heart disease, 865

SCIENTIFIC MEETINGS IN ISRAEL
14th Congress of the Israel Society for Clinical Pediatrics, 28 November 1985, Kibbutz Shefayim. Abstracts of papers, 60
Annual Meeting of the Israel Society for Microbiology, 28 January 1986, Jerusalem. Abstracts of papers, 145
The 3rd Binational U.S.–Israel Symposium on Health Technology Assessment, November 1985, Jerusalem, 165
2nd Annual Meeting of the Trauma Research Center of the Hebrew University–Hadassah Medical School, 18 November 1985, Jerusalem. Abstracts of papers, 488
Annual Meeting of the Israel Endocrine Society. 19 to 20 December 1985, Herzliya. Abstracts of papers, 492
Annual Scientific Meeting of the Israel Heart Society, 27 February 1986, Herzliya. Abstracts of papers, 602
Annual Meeting of the Israel Society of Clinical Pediatrics, 10 April 1986, Netanya. Abastracts of papers, 610
Annual Meeting of the Israel Society of Clinical Investigation, 1 May 1986, Tel Aviv. Abstracts of papers, 615
Third International Symposium on *Legionella*, Man and Environment, 4–8 May 1986, Jerusalem, 619
Third International Symposium on *Legionella*, Man and Environment, 4–8 May 1986, Jerusalem. Abstracts of papers, 753
Annual Meeting of the Israel Society for Parasitology, 28 May 1986, Tel Aviv. Abstracts of papers, 849
3rd Annual Conference on Medical Research, Beilinson Medical Center, 12 November 1986, Petah Tikva. Abstracts of papers, 924

SEIZURES
Seizures after pentazocine overdose, 385

SKIN INFECTION
Nocardia brasiliensis skin infections, 397

SMALL BOWEL
Importance of small bowel involvement in bleeding angiodysplasia, 828

SMOKING
Tobacco use: prevention and contrl, 283

SNAKE BITE
Echis colorata bites: clinical evaluation of 42 patients. A retrospective study, 880

SODIUM RETENTION
Urinary sodium retention in chronic liver disease: a summary, 67
The renin-angiotensin-aldosterone system in human hepatic cirrhosis, 70
The use of peritoneovenous shunting in unravelling the pathogenesis of ascites in cirrhosis, 78

STAPHYLOCOCCUS, COAGULASE-NEGATIVE
Neonatal septicemia caused by coagulase-negative staphylococci, 29

STEROIDS
Management of uremic pericarditis, 442

STRESS
Stressful events and the onset of noninsulin-dependent diabetes mellitus (PSC), 466
Maternal and cord plasma cortisol and aldosterone levels at delivery, in various ethnic groups in Israel. Preliminary report, 576

SUBCLAVIAN STEAL
Extrathoracic approach in surgical treatment of subclavian steal, 567

T WAVE INVERSION
Prevalence of postural T wave changes in mitral walve prolapse: a quantitative study, 873

THYMUS DISEASE
Treatment of congenital immune deficiencies with a thymic hormone—thymic humoral factor, 387

TICKS
Ixodid tick attacks on man in Israel: medical implications, 19

TRANSIENT HYPOGAMMAGLOBULINEMIA OF INFANCY
Transient hypogammaglobulinemia of infancy with severe bacterial infections and persistent IgA deficiency, 393

ULCERATIVE COLITIS
Incidence and prevalence of ulcerative colitis in the Jewish population of Jerusalem, 559

ULTRASOUND
Ultrasonic features of hepatic abscesses, 85
Prenatal ultrasonic diagnosis of fetal thoracic and intrathoracic abnormalities, 350
Diagnostic value of ultrasound scanning and human chorionic gonadotropin in stable patients suspected of ectopic pregnancy (PSC), 594

UREA CYCLE DISORDERS
Clinical and laboratory study in 22 patients with inherited hyperammonemic syndromes, 833

UREMIA
Cell-mediated immunity in uremic patients prior to and after 6 months treatment with continuous ambulatory peritoneal dialysis, 551

URÉMIC PERICARDITIS
Management of uremic pericarditis, 442

VACCINES
Development and approval of vaccines in the United States, 268
Assessment of new vaccines in immunization programs, 272

VARICOCELE
High ligation or embolization of varicocele, 877

VASOACTIVE AGENTS
Effect of vasoactive agents on prostanoid synthesis in isolated rat glomeruli, 797

VASODILATOR
Once-a-day triple therapy with low-dose minoxidil for moderate hypertension, 360

VEGETARIANISM
Human mechane production: a study of population groups and environmental factors in Israel (PSC), 57
Mineral intake and blood levels in vegetarians, 105

VELOPHARYNGEAL INSUFFICIENCY
Velopharyngeal insufficiency in children: the variable clinical presentation (PSC), 51

VERY-LOW-BIRTH WEIGHT
Perinatal factors influencing outcome of very-low-birth weight infants, 430

VITAMIN B12 DEFICIENCY
Vitamin B12 deficiency neuropathy: sural nerve biopsy study, 909

VITAMIN D METABOLITES
Seasonal variation in serum levels of vitamin D metabolites and parathormone in geriatric patients with fractures in southern Israel, 8

WATERBORNE DISEASE
Cost-benefit of mass prophylaxis with immune serum globulin to control waterborne hepatitis A. A case study, 277
Presence of *Legionella* in London's water supplies, 633
Seasonality of *Legionella* isolates from environmental sources, 640
Seasonal distribution of legionellae isolated from various types of water in Israel, 644
Association between *Legionella pneumophila* and amoebae in water, 690

YELLOW NAIL SYDROME
Yellow nail syndrome: case report and review of the literature, 117